

**BMW**  
ActiveHybrid 5



**Sheer  
Driving Pleasure**

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# THE BMW ACTIVE HYBRID 5. THE MOST DYNAMIC WAY TO DRIVE A HYBRID.

**BMW EfficientDynamics**

Less emissions. More driving pleasure.

International version. Please contact your local dealer for country specific information.

## BMW ACTIVE HYBRID. NEXT-GENERATION EFFICIENCY.

Can a vehicle become ever-more efficient while becoming increasingly dynamic at the same time? Yes it can. The BMW ActiveHybrid 5 delivers the proof. With its intelligent drive concept, the first full hybrid BMW saloon presents the next BMW ActiveHybrid generation. The BMW Active-Hybrid 5, with its superior agility and unique design, offers the perfect combination of dynamism and elegance. This third BMW ActiveHybrid model also delivers optimised performance through intelligent Energy Management. Purely electric driving for considerable distances (silent gliding with the combustion engine switched off), and even more intense acceleration thanks to the Boost function all ensure an entirely new driving experience. Indeed, developments in the BMW ActiveHybrid 5, in tandem with BMW EfficientDynamics measures, signify another stride into the future by substantially reducing fuel consumption and CO<sub>2</sub> emissions, and palpably improving driving pleasure.

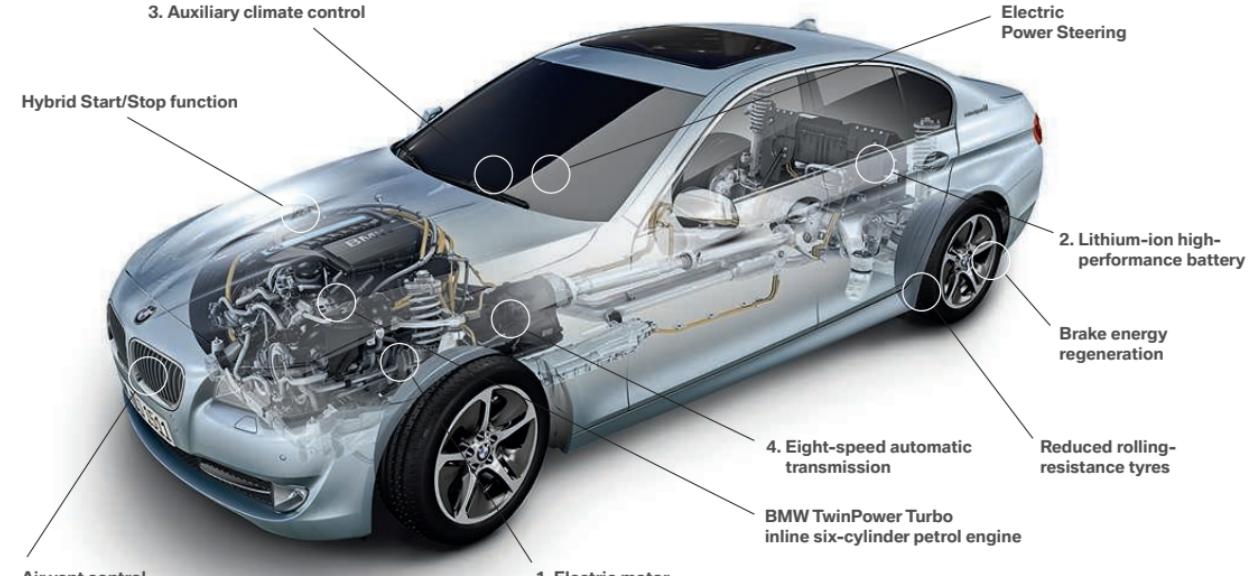


## THE BEST PERFORMANCE IS TEAM PERFORMANCE.

In the BMW ActiveHybrid 5, united performance means increased efficiency. For the first time, the interplay of all hybrid components is controlled by the intelligent Energy Management system and individually calculated for every journey. The latest technology makes it possible to drive using only electric power for three kilometres at up to 60km/h. Additionally, the combination of the electric motor and the BMW TwinPower Turbo inline six-cylinder petrol engine offers typical BMW driving dynamics, while fuel consumption and emissions also impress. For a high system output of 260kW (340hp), the car consumes, on average, just 6.4–7.0 litres per 100km and emits 149–163g of CO<sub>2</sub> per kilometre<sup>1</sup>. In short, the BMW ActiveHybrid 5 is an outstanding example of how you can continue enjoying driving pleasure to the full well into the future.

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<sup>1</sup> Fuel consumption and CO<sub>2</sub> emissions vary according to the wheel and tyre sizes selected.





**1. Electric motor.** Situated between the combustion engine and the gearbox, the 40kW motor supplies enough power for purely electric driving and supports acceleration with the Boost function. This provides a noticeable increase in dynamics and reduces fuel consumption and emissions. Homezone: when navigation is active, the high-performance battery in the car is charged, so you can drive purely on electric power when you are within your Homezone.

**2. Lithium-ion high-performance battery.** For maximum efficiency, the lithium-ion high-performance battery supplies energy to drive the BMW ActiveHybrid 5 purely electrically. This innovative battery is charged on every journey and is also linked to the brake energy regeneration system as soon as you take your foot off the accelerator. The lithium-ion high-performance battery is also distinguished by a long service life and comes with a special certificate offering cover for the first 100,000km and a maximum of five years.

**3. Auxiliary climate control.** With this system, the BMW ActiveHybrid 5 can be cooled by the air conditioning several minutes before people get in to the car. This is done by the electric climate compressor and without using fuel. Auxiliary climate control can be remotely activated simply by using the car key.

**4. Eight-speed automatic transmission.** Not only does this ensure fast gear changes without loss of traction, thanks to automatic coupling, the eight-speed gearbox also regulates interaction between the combustion engine and the electric motor. Additionally, and in combination with the hybrid Start/Stop function, it makes a considerable contribution to reducing fuel consumption and emissions.



The BMW ActiveHybrid 5 is the first of the BMW hybrids with a **BMW TwinPower Turbo inline six-cylinder petrol engine**. This, in combination with the electric motor, achieves maximum dynamics with markedly reduced fuel consumption. In addition, the following features provide increased efficiency: **eight-speed automatic gearbox, hybrid Start/Stop function, air vent control, Electric Power Steering, Brake Energy Regeneration and reduced rolling resistance tyres**. All these BMW EfficientDynamics measures contribute to double-figure percentage savings in fuel consumption while, at the same time, ensuring the typical BMW driving experience.



Accelerating efficiency. With the **Boost function**, the powerful interplay of the two power units delivers impressive results during acceleration and overtaking. In these cases, the increased output required of the electric motor is achieved by sourcing stored energy created by the brake energy regeneration system.



More efficiency through **intelligent Energy Management**. Networking between the navigation system and the vehicle allows calculations to be made that ensure optimum energy use. When the lithium-ion high-performance battery is charged, the electric motor supports the engine on uphill sections. Going downhill, the high-performance battery is automatically charged again.



ECO PRO mode is activated via the **Driving Experience Control** function. When the driver takes his foot off the accelerator when ECO PRO is on, the engine switches off and the gearbox connection is disengaged, allowing the BMW to glide noiselessly at up to 160km/h.



The **aluminium door sills** with ActiveHybrid 5 lettering mark the entrance to a particularly elegant interior with a high standard of workmanship.

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## EFFICIENCYTAINMENT.



**Brake Energy Regeneration.** When the driver releases the throttle, kinetic energy is converted into electrical energy and stored in the lithium-ion high-performance battery.



**Boost function.** When needed, drive power of the inline six-cylinder engine is supplemented by energy from the electric motor, increasing total power output for short periods. One advantage of this technology is a strong, spontaneous surge in power.



**Electric driving.** The 40kW electric motor enables purely electric driving over long distances.

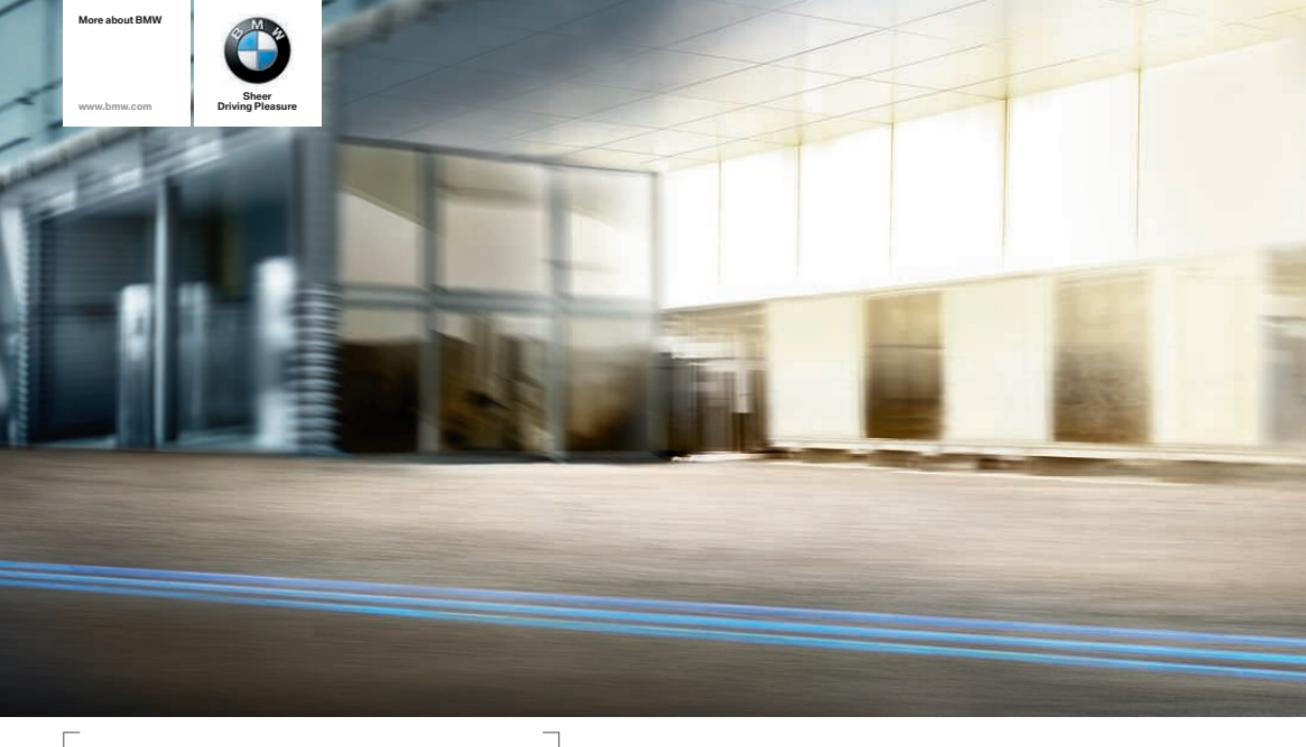
**Energy consumption history.** The use of electric energy during the last 15 minutes of driving is shown in a bar chart. The longer the bar, the higher the use of the hybrid system and the greater the fuel savings.

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This flyer describes the models, features and configuration options (standard and optional) available in vehicles delivered by BMW AG for the German market. In other EU countries, there may be deviations from the features and configuration options described in this flyer, in terms of the standard and optional equipment of the individual models. To find out more about the different country versions on offer, please consult your local BMW dealer. Design and equipment subject to change. For information on returning and recycling your vehicle, please contact your local BMW dealer or see [www.bmw.com/recycling](http://www.bmw.com/recycling)

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**BMW recommends Castrol EDGE**

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